

Customer No. 22,852
Attorney Docket No. 02887.0249

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Tadashi AMADA et al.)
Serial No.: Not Yet Assigned) Group Art Unit: Not assigned
Filed: September 16, 2003) Examiner: Not assigned
For: DIRECTIONAL SETTING)
APPARATUS, DIRECTIONAL)
SETTING SYSTEM,
DIRECTIONAL SETTING
METHOD AND DIRECTIONAL
SETTING PROGRAM
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO-1449. Copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO-1449 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being filed with the above-referenced application.

The following is a concise statement of relevance of the non-English language documents:

1. Japanese Patent Application No. 2002-034092 discloses a method which controls the directionality of a microphone array.
2. Japanese Patent Application No. 10-207490 discloses an example of a microphone array algorithm. The relevance of this document is discussed at pages 3 and 4 of the specification of the present application.
3. J. Oga, "Acoustic Systems and Digital Processing", discloses fundamental concepts of a microphone array.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

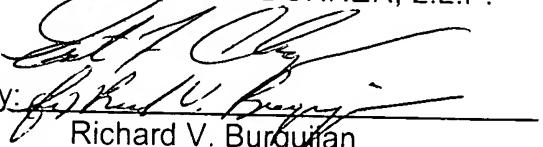
1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

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Attorney Docket No. 02887.0249

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

By:


Richard V. Burgujian
Reg. No. 31,744


ERNEST F. CHAPMAN
Reg. No. 25,961

Dated: September 16, 2003

Enclosures
RVB/FPD/dvz

FINNEGAN
HENDERSON
FARABOW
GARRETT &
DUNNER LLP

1300 I Street, NW
Washington, DC 20005
202.408.4000
Fax 202.408.4400
www.finnegan.com

INFORMATION DISCLOSURE CITATION

Atty. Docket No.	02887.0249	Serial No.
Applicant	Tadashi AMADA et al.	
Filing Date	September 16, 2003	Group: Not assigned

U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
	2002-034092	1/31/02	Japan			Abstract
	10-207490	8/7/98	Japan			Abstract

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Jurou Oga, "Acoustic Systems and Digital Processing", pp 180-191(1995).

Examiner	Date Considered
<p>*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce